

**IN THE SPECIFICATION:**

(1) Please replace paragraph 11 of the specification with the following paragraph showing changes.

FIGURE 1 illustrates a ~~sehematie~~ schematic diagram of one embodiment of a mobile telephone having a vital sign measuring capability constructed according to the principles of the present invention; and

(2) Please replace paragraph 12 of the specification with the following paragraph showing changes.

FIGURE 2 illustrates a block ~~sehematie~~ schematic diagram of one embodiment of a method of employing a mobile telephone to measure a vital sign carried out according to the principles of the present invention.

(3) Please replace paragraph 13 of the specification with the following paragraph showing changes.

Referring initially to FIGURE 1, illustrated is a ~~sehematie~~ schematic diagram of one embodiment of a mobile telephone having a vital sign measuring capability constructed according to the principles of the present invention. The mobile telephone is of a mobile radio telecommunication system and has a loudspeaker 18, a microphone 16, a display 14 and a keypad 15. Furthermore, a sensor 11 is integrated at a rear side with regard to the display 14. In the illustrated embodiment, the sensor 11 is a blood pressure sensor and is part of a vital sign measuring system integrated in the chassis (not separately referenced) of the mobile telephone, as described in more detail below with regard to FIGURE 2. Based on respective specific applications, the vital sign measuring system may comprise hardware and/or software. Software is advantageous in that it can be integrated with software already present in conventional mobile telephones. In the illustrated

embodiment, the vital sign measuring system comprises software executing in a central processing unit (not shown) of the mobile telephone.

(4) Please replace paragraph 18 of the specification with the following paragraph showing changes.

Turning now to FIGURE 2, illustrated is a block schematic diagram of one embodiment of a method of employing a mobile telephone to measure a vital sign carried out according to the principles of the present invention. As represented by an input (i.e., an arrow) to a central processing unit 17 in FIGURE 2 indicates, the measuring system can be activated by pressing a predefined key sequence of the keypad 15 of FIGURE 1 or by speech control via the microphone 16 of FIGURE 1. In particular, the mobile telephone includes an implemented menu list out of which a respective measurement functionality item has to be selected for starting the measurement. By activating the vital sign measuring system, the a central processing unit 17 controls and manages the measurement.